C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

4.120.6.b 6 O'Clock (PEER 7) Gate Tests

C-A-OPM Procedures in which this Attachment is used.		
4.120.6		

Hand Processed Changes

HPC No.	Date	Page Nos.	Initials

Approved: ***Signature on File*** _____
Collider-Accelerator Department Chairman Date

V. Castillo

4.120.6.b 6 O'clock (PEER 7) Gate Tests

PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:_____ Checksum: _____

Division B Software Filename and Checksum: Title:_____ Checksum: _____

Initial testing complete:

Test Team Leader's Name (Print): _____ Life Number: _____

Test Team Leader's Name (Sign): _____ Date: _____/_____/_____

Acceptance test procedure complete (following repairs and retesting if required):

Test Team Leader's Name (Print): _____ Life Number:_____

Test Team Leader's Name (Sign): _____ Date: _____/_____/_____

Test results reviewed by:

Safety Section Head's Name (Print):_____ Life Number: _____

Safety Section Head's Name (Sign):_____ Date: _____/_____/_____

Test results accepted by Radiation Safety Committee:

RSC Member's Name (Print):_____ Life Number: _____

RSC Member's Name (Sign):_____ Date:_____/_____/_____

1.1 **CONDUCT** Visual check on **Peer 7** gates following Table-1, below

Gate	Micro Switch		Elec Wiring	Gate Box	Lights	Gate Functions			Verify all x's Corr.	Inspn O.K. Init.
	Align	Opern				Open	Self-Closing	Latch		
5GS1I									□	
5GS1O									□	
5EL1									□	
5GE1									□	
5ED1									□	
6GE1									□	
6GE2									□	
6MD1									□	
6ED1									□	
6GE3									□	
6EL1									□	
6ED2									□	
7GS1I									□	
7GS1O									□	
YGI1									□	
YGI2									□	
XGI1									□	
XGI2									□	

Legend: Tick = O.K. x = Problem N/A = Not Applicable

Table 1: Summary of Physical Inspection of Peer 7 Gates

1.2 **Test INNER GATE at 5GS1:**

□	**VERIFY**	Gate has been inspected	
	PLACE	**PEER 9** in **Restricted Access (Mode 8)**	
□	**VERIFY**	**PEER 9** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
□	**VERIFY**	The warning lights and LED message: **Stop Call MCR for Access X-7400 Stop** on both sides of the gate are	**ON**
	OPEN	The gate	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	HOLD	Both of the PEER 7 gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div A PEER 7 micro switch	
□	**VERIFY**	**MCR** indicates **Div A**	**OPEN**
	HOLD	Both of the PEER 7 gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**

	RELEASE	Div B PEER 7 micro switch	
□	**VERIFY**	**MCR** indicates **Div B**	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
□	**VERIFY**	The **5Z1** gate box Gate Reset light is	**OFF**
	RESET	The gate with #15 RC Sweep key at **5Z1** inner gate box	
□	**VERIFY**	**MCR** sees the gate is	**RESET**
□	**VERIFY**	The **5Z1** gate box Gate Reset light is	**ON**
	OPEN	The gate	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
□	**VERIFY**	The **5Z1** gate box Gate Reset light is	**OFF**
	CLOSE	The gate	
	PLACE	**PEER 7** in **Controlled Access (MODE 17)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 17**
□	**VERIFY**	The warning lights and LED message: **Stop Call MCR for Access X-7400 Stop** on both sides of the gate are	**ON**
	PLACE	**PEER 7** in **Restricted Access (Mode 8)**	
□	**VERIFY**	**PEER 7** is in **Restricted Access**	**MODE 8**
□	**VERIFY**	The LED message: **Access Permitted** is	**ON**
	PLACE	**PEER 7** in **Safe Access (Mode 2)**	
□	**VERIFY**	**PEER 7** is in **Safe Access**	**MODE 2**
□	**VERIFY**	The warning lights and LED message: **Stop Call MCR for Access X-7400 Stop** on both sides of the gate are	**ON**

□ **CHECK** for test acceptance of **INNER GATE** at **5GS1**

1.3 Test OUTER GATE at 5GS1:

	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
□	**VERIFY**	The warning lights on both sides of the gate indicate: **CALL MCR FOR CROSSOVER AMBER**	**ON**
	OPEN	The gate	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	HOLD	Both of the PEER 7 gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div A PEER 7 micro switch	
□	**VERIFY**	**MCR** indicates **Div A**	**OPEN**
	HOLD	Both of the PEER 7 gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div B PEER 7 micro switch	
□	**VERIFY**	**MCR** indicates **Div B**	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**

□ **CHECK** for test acceptance of **OUTER GATE** at **5GS1**

1.4 Test ESCAPE DOOR at 5EL1:

□	**VERIFY**	Door has been inspected	
□	**VERIFY**	The door **cannot** be opened from	**OUTSIDE**
□	**VERIFY**	**PEER 9** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
	OPEN	The door	
□	**VERIFY**	**MCR** sees the door is	**OPEN**
	SECURE	The Security Bar micro switch	**MADE**
	HOLD	Both of the door micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div A door micro switch	
□	**VERIFY**	**MCR** indicates **Div A**	**OPEN**
	HOLD	Both of the door micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div B door micro switch	
□	**VERIFY**	**MCR** indicates **Div B**	**OPEN**
	HOLD	Both of the door micro switches	**MADE**
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
	RELEASE	The Security Bar micro switch	
□	**VERIFY**	**MCR** sees the door is	**OPEN**
	CLOSE	The door and latch the Security Bar	
□	**VERIFY**	The **5EL1** Door Reset light is	**OFF**
	RESET	The Door with **#15 RC Sweep key** at **5EL1** gate box	
□	**VERIFY**	**MCR** sees the **5EL1** door is	**RESET**
□	**VERIFY**	The **5EL1** Door Reset light is	**ON**
	OPEN	The door	
□	**VERIFY**	**MCR** sees the door is	**OPEN**
□	**VERIFY**	The **5EL1** gate box Gate Reset light is	**OFF**
	CLOSE	The door	
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
□	**VERIFY**	The **5EL1** gate box Gate Reset light is	**OFF**

□ **CHECK** for test acceptance of **ESCAPE DOOR** at **5EL1**

1.5 Test of ENTRY GATE at 5GE1

□	**VERIFY**	**INNER** Gate at **5GE1** has been inspected	
□	**VERIFY**	**PEER 9** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
□	**VERIFY**	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	**ON**
□	**VERIFY**	The Exterior gate box **Controlled Access** light is	**ON**
	OPEN	Gate **5GE1** with **Simultaneous Release** and **#14 CA Key**	
□	**VERIFY**	Simultaneous Release **Buzzer**	**SOUNDS**
□	**VERIFY**	Gate **5GE1** is	**OPEN**
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	SECURE	The Electric Strike micro switch	**MADE**
	HOLD	Both of the gate micro switches	**MADE**

□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div A micro switch	
□	**VERIFY**	**MCR** indicates **Div A**	**OPEN**
	HOLD	Both of the gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div B micro switch	
□	**VERIFY**	**MCR** indicates **Div B**	**OPEN**
	HOLD	Both of the gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	The Electric Strike micro switch	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RESET	The gate from **MCR**	
□	**VERIFY**	**MCR** sees the gate is	**RESET**
	OPEN	The gate	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	PLACE	**PEER 7** in **Controlled Access (MODE 17)**	
□	**VERIFY**	**PEER 7** is in **XA**	**MODE 17**
□	**VERIFY**	The gate box **Controlled Access** light is	**ON**
□	**VERIFY**	The warning lights on both sides of the gate indicate: CALL MCR FOR CROSSOVER AMBER	**ON**
	OPEN	Gate **5GE1** with the **#14** RC CA key	
□	**VERIFY**	Gate **5GE1** is	**OPEN**
	CLOSE	Gate **5GE1**	
	PLACE	**PEER 7** in **Restricted Access (Mode 8)**	
□	**VERIFY**	**PEER 7** is in **Restricted Access**	**MODE 8**
□	**VERIFY**	The gate box **Restricted Access** light is	**ON**
□	**VERIFY**	**The warning lights and LED message**: Access Permitted **is**	**ON**
□	**VERIFY**	Attempt to **open** gate **5GE1** with **S** key is	**SUCCESSFUL**
□	**VERIFY**	Attempt to **open** Gate **5GE1** with **#14 RC CA** key is	**SUCCESSFUL**
□	**VERIFY**	Attempt to open **5GE1** with **Blue card**	**SUCCESSFUL**
□	**VERIFY**	Attempt to open **5GE1** with **Expt._____ card**	**FAIL**
□	**VERIFY**	**During** attempt with **Expt. Card** Reader **light** is	**RED**
	PLACE	**PEER 7** in **Safe Access (Mode 2)**	
□	**VERIFY**	**PEER 7** is in **Safe Access**	**MODE 2**
□	**VERIFY**	The gate box **Controlled Access** light is	**ON**
□	**VERIFY**	The warning lights and LED message: **Stop Call MCR for Access X-7400 Stop** on inside of the gate is	**ON**
	OPEN	Gate **5GE1** with **Simultaneous Release** and **#14 CA Key**	
□	**VERIFY**	Gate **5GE1** is	**OPEN**
	CLOSE	Gate **5GE1**	

□ **CHECK** for test acceptance of **ENTRY GATE** at **5GE1**

1.6 Test of EXIT DOOR 5ED1

□	**VERIFY**	Gate has been inspected	
□	**VERIFY**	The door cannot be opened from the **6 O'clock area**	
□	**VERIFY**	**PEER 9** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**ON**
	OPEN	The door	
□	**VERIFY**	**MCR** sees the door is	**OPEN**
	HOLD	Both of the door micro switches	**MADE**
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
	RELEASE	Div A door micro switch	
□	**VERIFY**	**MCR** indicates **Div A**	**OPEN**
	HOLD	Both of the door micro switches	**MADE**
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
	RELEASE	Div B door micro switch	
□	**VERIFY**	**MCR** indicates **Div B**	**OPEN**
	CLOSE	The door	
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
□	**VERIFY**	The **5ED1** Door Reset light is	**OFF**
	RESET	The Door with **#15 RC Sweep key** at **5ED1** gate box	
□	**VERIFY**	**MCR** sees the **5ED1** door is	**RESET**
□	**VERIFY**	The **5ED1** Door Reset light is	**ON**
	OPEN	The door	
□	**VERIFY**	**MCR** sees the door is	**OPEN**
□	**VERIFY**	The **5ED1** gate box Gate Reset light is	**OFF**
	CLOSE	The door	
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
□	**VERIFY**	The **5ED1** gate box Gate Reset light is	**OFF**
	PLACE	**PEER 7** in **Controlled Access (MODE 17)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 17**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**ON**
	PLACE	**PEER 7** in **Restricted Access (MODE 8)**	
□	**VERIFY**	**PEER 7** is in **Restricted Access**	**MODE 8**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**OFF**
	PLACE	**PEER 7** in **Safe Access (MODE 2)**	
□	**VERIFY**	**PEER 7** is in **Safe Access**	**MODE 2**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**ON**

□ **CHECK** for test acceptance of **ESCAPE DOOR** at **5ED1**

1.7 Test of ENTRY GATE at 6GE1

□	**VERIFY**	**INNER** Gate at **6GE1** has been inspected	
□	**VERIFY**	**PEER 9** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
□	**VERIFY**	The warning lights on both sides of the gate indicate: **CALL MCR FOR CROSSOVER AMBER**	**ON**
□	**VERIFY**	The Exterior gate box **Controlled Access** light is	**ON**
	OPEN	Gate **6GE1** with **Simultaneous Release** and **#14 CA Key**	
□	**VERIFY**	Simultaneous Release **Buzzer**	**SOUNDS**
□	**VERIFY**	Gate **6GE1** is	**OPEN**
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	SECURE	The Electric Strike micro switch	**MADE**
	HOLD	Both of the gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div A micro switch	
□	**VERIFY**	**MCR** indicates **Div A**	**OPEN**
	HOLD	Both of the gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div B micro switch	
□	**VERIFY**	**MCR** indicates **Div B**	**OPEN**
	HOLD	Both of the gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	The Electric Strike micro switch	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RESET	The gate with **#15 RC** Sweep key at inner gate box	
□	**VERIFY**	**MCR** sees the gate is	**RESET**
	OPEN	The gate	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	PLACE	**PEER 7** in **Controlled Access (MODE 17)**	
□	**VERIFY**	**PEER 7** is in **XA**	**MODE 17**
□	**VERIFY**	The gate box **Controlled Access** light is	**OFF**
□	**VERIFY**	The warning lights on both sides of the gate indicate: **CALL MCR FOR CROSSOVER AMBER**	**OFF**
	OPEN	Gate **6GE1** with the **#14** RC CA key	
□	**VERIFY**	Gate **6GE1** is	**OPEN**
	CLOSE	Gate **6GE1**	
	PLACE	**PEER 7** in **Restricted Access (Mode 8)**	
□	**VERIFY**	**PEER 7** is in **Restricted Access**	**MODE 8**
□	**VERIFY**	The gate box **Restricted Access** light is	**ON**
□	**VERIFY**	The warning lights on both sides of the gate indicate: **CALL MCR FOR CROSSOVER AMBER**	**OFF**
□	**VERIFY**	Attempt to **open** gate **6GE1** with **S** key is	**SUCCESSFUL**
□	**VERIFY**	Attempt to **open** Gate **6GE1** with **#14 RC CA** key is	**SUCCESSFUL**
□	**VERIFY**	Attempt to open **6GE1** with **Blue card**	**SUCCESSFUL**
□	**VERIFY**	Attempt to open **6GE1** with **Star card**	**SUCCESSFUL**
□	**VERIFY**	Attempt to open **6GE1** with any other	

		Expt._____ card	**FAIL**
□	**VERIFY**	**During** attempt with **Expt. Card** Reader **light** is	**RED**
	PLACE	**PEER 7** in **Safe Access (Mode 2)**	
□	**VERIFY**	**PEER 7** is in **Safe Access**	**MODE 2**
□	**VERIFY**	The gate box **Controlled Access** light is	**ON**
□	**VERIFY**	The warning lights on both sides of the gate indicate: **CALL MCR FOR CROSSOVER AMBER**	**ON**
	OPEN	Gate **6GE1** with **Simultaneous Release** and **#14 CA Key**	
□	**VERIFY**	Gate **6GE1** is	**OPEN**
	CLOSE	Gate **6GE1**	

□ **CHECK** for test acceptance of **ENTRY GATE** at **6GE1**

1.8 Test of Iris Scanner and Local Keytree located at gate 6GE1

	PLACE	**PEER 7** in **CA, Mode 16**	
□	**VERIFY**	**PEER 7** is in **CA**	**MODE 16**
	SCAN	**Valid** Personnel with **Iris Scanner** at gate **6GE1**	
□	**VERIFY**	**Valid** Personnel is	**RECOGNIZED**
□	**VERIFY**	**First STAR** key in **Local** keytree at **6GE1**	**RELEASED**
□	**VERIFY**	**Attempt** to enter **6GE1** with **STAR** key and **SR** is	**SUCCESSFUL**
	SCAN	**Valid** Personnel with **Iris Scanner** at **6GE1**	
□	**VERIFY**	**Valid** Personnel is	**RECOGNIZED**
□	**VERIFY**	**Attempt** to **release third STAR** key in **Local** keytree at **6GE1** is	**UNSUCCESSFUL**
	SCAN	**Valid** Personnel with **Iris Scanner** at **6GE1**	
□	**VERIFY**	**Valid** Personnel is	**RECOGNIZED**
□	**VERIFY**	**Attempt** to **release second STAR** key in **Local** keytree at **6GE1**	**SUCCESSFUL**
□	**VERIFY**	**Attempt** to enter **6GE1** with **second STAR** key and **SR** is	**SUCCESSFUL**
	REPLACE	**First** and **second STAR** keys in **local** keytree at **6GE1**	
□	**VERIFY**	First **STAR** key □ and Second **STAR** key □	**REPLACED**
	PLACE	**PEER 7** in **Controlled Access (XA), Mode 17**	
□	**VERIFY**	**PEER 7** is in **XA**	**MODE 17**
	SCAN	**Valid** Personnel with **Iris Scanner** at **6GE1**	
□	**VERIFY**	**Valid** Personnel is	**RECOGNIZED**
□	**VERIFY**	**First STAR** key in **Local** keytree **6GE1** remains	**CAPTURED**
	PLACE	**PEER 7** in **Restricted Access (Mode 8)**	
□	**VERIFY**	**PEER 7** is in **Restricted Access**	**MODE 8**

□ **Check for acceptance of Test of Iris Scanner and Local Keytree located at gate 6GE1**

1.9 Test of ENTRY GATE at 6GE2

□	**VERIFY**	**Entry** Gate at **6GE2** has been inspected	
□	**VERIFY**	**PEER 9** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**ON**
□	**VERIFY**	The Exterior gate box **Controlled Access** light is	**ON**
	OPEN	Gate **6GE2** with **Simultaneous Release** and **#14 CA Key**	
□	**VERIFY**	Simultaneous Release **Buzzer**	**SOUNDS**
□	**VERIFY**	Gate **6GE2** is	**OPEN**
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	SECURE	The Electric Strike micro switch	**MADE**
	HOLD	Both of the gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div A micro switch	
□	**VERIFY**	**MCR** indicates **Div A**	**OPEN**
	HOLD	Both of the gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div B micro switch	
□	**VERIFY**	**MCR** indicates **Div B**	**OPEN**
	HOLD	Both of the gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	The Electric Strike micro switch	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RESET	The gate from **MCR**	
□	**VERIFY**	**MCR** sees the gate is	**RESET**
	OPEN	The gate	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	PLACE	**PEER 7** in **Controlled Access (MODE 17)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 17**
□	**VERIFY**	The gate box **Controlled Access** light is	**OFF**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**OFF**
	OPEN	Gate **6GE2** with the **#14** RC CA key	
□	**VERIFY**	Gate **6GE2** is	**OPEN**
	CLOSE	Gate **6GE2**	
	PLACE	**PEER 7** in **Restricted Access (Mode 8)**	
□	**VERIFY**	**PEER 7** is in **Restricted Access**	**MODE 8**
□	**VERIFY**	The gate box **Restricted Access** light is	**ON**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**OFF**
□	**VERIFY**	Attempt to **open** gate **6GE2** with **S** key is	**SUCCESSFUL**
□	**VERIFY**	Attempt to **open** Gate **6GE2** with **#14 RC CA** key is	**SUCCESSFUL**
□	**VERIFY**	Attempt to open **6GE2** with **Blue card**	**SUCCESSFUL**
□	**VERIFY**	Attempt to open **6GE2** with **Star card**	**SUCCESSFUL**
□	**VERIFY**	Attempt to open **6GE2** with any other	

		Expt._____ card	**FAIL**
□	**VERIFY**	**During** attempt with **Expt. Card** Reader **light** is	**RED**
	PLACE	**PEER 7** in **Safe Access (Mode2)**	
□	**VERIFY**	**PEER 7** is in **Safe Access**	**MODE 2**
□	**VERIFY**	The gate box **Controlled Access** light is	**ON**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**ON**
	OPEN	Gate **6GE2** with **Simultaneous Release** and **#14 CA Key**	
□	**VERIFY**	Gate **6GE2** is	**OPEN**
	CLOSE	Gate **6GE2**	

□ **CHECK** for test acceptance of **ENTRY GATE** at **6GE2**

1.10 Test of TRENCH GATE at 6MD1

□	**VERIFY**	Gate has been inspected	
□	**VERIFY**	**PEER 9** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
	OPEN	The gate	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	HOLD	Both gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div A micro switch	
□	**VERIFY**	**MCR** indicates **Div A**	**OPEN**
	HOLD	Both gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div B micro switch	
□	**VERIFY**	**MCR** indicates **Div B**	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
□	**VERIFY**	The gate box Gate Reset light is	**OFF**
	RESET	The gate with #15 RC Sweep key	
□	**VERIFY**	**MCR** sees the gate is	**RESET**
□	**VERIFY**	The gate box Gate Reset light is	**ON**
	OPEN	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
□	**VERIFY**	The gate box Gate Reset light is	**OFF**
	CLOSE	The gate	

□ **CHECK** for test acceptance of **TRENCH GATE** at **6MD1**

1.11 Test of EXIT DOOR 6ED1

□	**VERIFY**	Gate has been inspected	
□	**VERIFY**	The door cannot be opened from the **6 O'clock area**	
□	**VERIFY**	**PEER 9** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**ON**
	OPEN	The door	
□	**VERIFY**	**MCR** sees the door is	**OPEN**
	HOLD	Both of the door micro switches	**MADE**
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
	RELEASE	Div A door micro switch	
□	**VERIFY**	**MCR** indicates	**DIV A ≠ DIV B**
	HOLD	Both of the door micro switches	**MADE**
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
	RELEASE	Div B door micro switch	
□	**VERIFY**	**MCR** indicates	**DIV A ≠ DIV B**
	CLOSE	The door	
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
□	**VERIFY**	The **6ED1** Door Reset light is	**OFF**
	RESET	The Door with **#15 RC Sweep key** at **6ED1** gate box	
□	**VERIFY**	**MCR** sees the **6ED1** door is	**RESET**
□	**VERIFY**	The **6ED1** Door Reset light is	**ON**
	OPEN	The door	
□	**VERIFY**	**MCR** sees the door is	**OPEN**
□	**VERIFY**	The **6ED1** gate box Gate Reset light is	**OFF**
	CLOSE	The door	
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
□	**VERIFY**	The **6ED1** gate box Gate Reset light is	**OFF**
	PLACE	**PEER 7** in **Controlled Access (MODE 17)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 17**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**ON**
	PLACE	**PEER 7** in **Restricted Access (MODE 8)**	
□	**VERIFY**	**PEER 7** is in **Restricted Access**	**MODE 8**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**OFF**
	PLACE	**PEER 7** in **Safe Access (MODE 2)**	
□	**VERIFY**	**PEER 7** is in **Safe Access**	**MODE 2**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**ON**

□ **CHECK** for test acceptance of **ESCAPE DOOR** at **6ED1**

1.12 Test of ENTRY GATE at 6GE3

□	**VERIFY**	**INNER** Gate at **6GE3** has been inspected	
□	**VERIFY**	**PEER 9** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
□	**VERIFY**	The warning lights on both sides of the gate indicate: **CALL MCR FOR CROSSOVER AMBER**	**ON**
□	**VERIFY**	The Exterior gate box **Controlled Access** light is	**ON**
	OPEN	Gate **6GE3** with **Simultaneous Release** and **#14 CA Key**	
□	**VERIFY**	Simultaneous Release **Buzzer**	**SOUNDS**
□	**VERIFY**	Gate **6GE3** is	**OPEN**
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	SECURE	The Electric Strike micro switch	**MADE**
	HOLD	Both of the gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div A micro switch	
□	**VERIFY**	**MCR** indicates **Div A**	**OPEN**
	HOLD	Both of the gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div B micro switch	
□	**VERIFY**	**MCR** indicates **Div B**	**OPEN**
	HOLD	Both of the gate micro switches	**MADE**
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	The Electric Strike micro switch	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RESET	The gate from **MCR**	
□	**VERIFY**	**MCR** sees the gate is	**RESET**
	OPEN	The gate	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	PLACE	**PEER 7** in **Controlled Access (MODE 17)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 17**
□	**VERIFY**	The gate box **Controlled Access** light is	**ON**
□	**VERIFY**	The warning lights on both sides of the gate indicate: **CALL MCR FOR CROSSOVER AMBER**	**ON**
	OPEN	Gate **6GE3** with the **#14** RC CA key with **Simultaneous Release**	
□	**VERIFY**	Gate **6GE3** is	**OPEN**
	CLOSE	Gate **6GE3**	
	PLACE	**PEER 7** in **Restricted Access (Mode 8)**	
□	**VERIFY**	**PEER 7** is in **Restricted Access**	**MODE 8**
□	**VERIFY**	The gate box **Restricted Access** light is	**ON**
□	**VERIFY**	The warning lights on both sides of the gate indicate: **CALL MCR FOR CROSSOVER AMBER**	**OFF**
□	**VERIFY**	Attempt to **open** gate **6GE2** with **S** key is	**SUCCESSFUL**
□	**VERIFY**	Attempt to **open** Gate **6GE2** with **#14 RC CA** key is	**SUCCESSFUL**
□	**VERIFY**	Attempt to open **6GE2** with **Blue card**	**SUCCESSFUL**
□	**VERIFY**	Attempt to open **6GE2** with **Star card**	**FAIL**

☐	**VERIFY**	**During** attempt with **Star Card** Reader **light** is	**RED**
	PLACE	**PEER 7** in **Safe Access (Mode2)**	
☐	**VERIFY**	**PEER 7** is in **Safe Access**	**MODE 2**
☐	**VERIFY**	The gate box **Controlled Access** light is	**ON**
☐	**VERIFY**	The warning lights on both sides of the gate indicate: **CALL MCR FOR CROSSOVER AMBER**	**ON**
	OPEN	Gate **6GE3** with **Simultaneous Release** and **#14 CA Key**	
☐	**VERIFY**	Gate **6GE3** is	**OPEN**
	CLOSE	Gate **6GE3**	

☐ **CHECK** for test acceptance of **ENTRY GATE** at **6GE3**

1.13 Test ESCAPE DOOR at 6EL1:

☐	**VERIFY**	Door has been inspected	
☐	**VERIFY**	**The door cannot be opened from**	**OUTSIDE**
☐	**VERIFY**	**PEER 9** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
☐	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
	OPEN	The door	
☐	**VERIFY**	**MCR** sees the door is	**OPEN**
	SECURE	The Security Bar micro switch	**MADE**
	HOLD	Both of the door micro switches	**MADE**
☐	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div A door micro switch	
☐	**VERIFY**	**MCR** indicates **Div A**	**OPEN**
	HOLD	Both of the door micro switches	**MADE**
☐	**VERIFY**	**MCR** sees the gate is	**CLOSED**
	RELEASE	Div B door micro switch	
☐	**VERIFY**	**MCR** indicates **Div B**	**OPEN**
	HOLD	Both of the door micro switches	**MADE**
☐	**VERIFY**	**MCR** sees the door is	**CLOSED**
	RELEASE	The Security Bar micro switch	
☐	**VERIFY**	**MCR** sees the door is	**OPEN**
	CLOSE	The door and latch the Security Bar	
☐	**VERIFY**	The **6EL1** Door Reset light is	**OFF**
	RESET	The Door with #15 RC Sweep key at **6EL1** gate box	
☐	**VERIFY**	**MCR** sees the **6EL1** door is	**RESET**
☐	**VERIFY**	The **6EL1** Door Reset light is	**ON**
	OPEN	The door	
☐	**VERIFY**	**MCR** sees the door is	**OPEN**
☐	**VERIFY**	The **6EL1** gate box Gate Reset light is	**OFF**
	CLOSE	The door	
☐	**VERIFY**	**MCR** sees the door is	**CLOSED**
☐	**VERIFY**	The **6EL1** gate box Gate Reset light is	**OFF**

☐ **CHECK** for test acceptance of **ESCAPE DOOR** at **6EL1**

1.14 Test of EXIT DOOR 6ED2

□	**VERIFY**	Door has been inspected	
□	**VERIFY**	The door cannot be opened from	**OUTSIDE**
□	**VERIFY**	**PEER 9** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**ON**
	OPEN	The door	
□	**VERIFY**	**MCR** sees the door is	**OPEN**
	HOLD	Both of the door micro switches	**MADE**
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
	RELEASE	Div A door micro switch	
□	**VERIFY**	**MCR** indicates **Div A**	**OPEN**
	HOLD	Both of the door micro switches	**MADE**
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
	RELEASE	Div B door micro switch	
□	**VERIFY**	**MCR** indicates **Div B**	**OPEN**
	CLOSE	The door	
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
□	**VERIFY**	The **6ED2** Door Reset light is	**OFF**
	RESET	The Door with **#15 RC Sweep key** at **6ED2** gate box	
□	**VERIFY**	**MCR** sees the **6ED2** door is	**RESET**
□	**VERIFY**	The **6ED2** Door Reset light is	**ON**
	OPEN	The door	
□	**VERIFY**	**MCR** sees the door is	**OPEN**
□	**VERIFY**	The **6ED2** gate box Gate Reset light is	**OFF**
	CLOSE	The door	
□	**VERIFY**	**MCR** sees the door is	**CLOSED**
□	**VERIFY**	The **6ED2** gate box Gate Reset light is	**OFF**
	PLACE	**PEER 7** in **Controlled Access (MODE 17)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 17**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**ON**
	PLACE	**PEER 7** in **Restricted Access (MODE 8)**	
□	**VERIFY**	**PEER 7** is in **Restricted Access**	**MODE 8**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**OFF**
	PLACE	**PEER 7** in **Safe Access (MODE 2)**	
□	**VERIFY**	**PEER 7** is in **Safe Access**	**MODE 2**
□	**VERIFY**	The warning lights on both sides of the gate indicate:	
		CALL MCR FOR CROSSOVER AMBER	**ON**

□ **CHECK** for test acceptance of **ESCAPE DOOR** at **6ED2**

1.15 Test INNER GATE at 7GS1:

□	**VERIFY**	Gate has been inspected	
	PLACE	**PEER 17** in **Restricted Access (Mode 8)**	
□	**VERIFY**	**PEER 17** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
□	**VERIFY**	The warning lights and LED message: **Stop Call MCR for Access X-7400 Stop** on both sides of the gate are	**ON**
	OPEN	The gate	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**

□ **CHECK** for test acceptance of **INNER GATE** at **7GS1**

1.16 Test OUTER GATE at 7GS1:

	PLACE	**PEER 17** in **Restricted Access (Mode 8)**	
□	**VERIFY**	**PEER 17** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
□	**VERIFY**	The warning lights on both sides of the gate indicate: **CALL MCR FOR CROSSOVER AMBER**	**ON**
	OPEN	The gate	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	CLOSE	The gate	
□	**VERIFY**	**MCR** sees the gate is	**CLOSED**

□ **CHECK** for test acceptance of **OUTER GATE** at **7GS1**

Note:
INTERNAL GATES: YGI1, YGI2, XGI1 and XGI2. These gates are controlled by PEER 5 (1000P) and have dedicated micro-switches monitored by PEER 7. These tests verify the operation of the PEER 7 micro-switches.

1.17 Test of INTERNAL GATE at YGI1

□	**VERIFY**	Gate has been inspected	
	PLACE	**PEER 5** is in **Restricted Access (MODE 8)**	
□	**VERIFY**	**PEER 5** is in **Restricted Access**	**MODE 8**
	PLACE	**PEER 7** in **Controlled Access (MODE 16)**	
□	**VERIFY**	**PEER 7** is in **Controlled Access**	**MODE 16**
	OPEN	Gate **YGI1**	
□	**VERIFY**	**MCR** sees the gate is	**OPEN**
	CLOSE	The gate	

□ **CHECK** for test acceptance of **INTERNAL GATE** at **YGI1**

1.18 Test of INTERNAL GATE at YGI2

- ☐ **VERIFY** Gate has been inspected
- ☐ **VERIFY** **PEER 5** is in **Restricted Access** **MODE 8**
  PLACE **PEER 7** in **Controlled Access (MODE 16)**
- ☐ **VERIFY** **PEER 7** is in **Controlled Access** **MODE 16**
  OPEN Gate **YGI2**
- ☐ **VERIFY** **MCR** sees the gate is **OPEN**
  CLOSE The gate
- ☐ **CHECK** for test acceptance of **INTERNAL GATE** at **YGI2**

1.19 Test of INTERNAL GATE at XGI1

- ☐ **VERIFY** Gate has been inspected
- ☐ **VERIFY** **PEER 5** is in **Restricted Access** **MODE 8**
  PLACE **PEER 7** in **Controlled Access (MODE 16)**
- ☐ **VERIFY** **PEER 7** is in **Controlled Access** **MODE 16**
  OPEN Gate **XGI1**
- ☐ **VERIFY** **MCR** sees the gate is **OPEN**
  CLOSE The gate
- ☐ **CHECK** for test acceptance of **INTERNAL GATE** at **XGI1**

1.20 Test of INTERNAL GATE at XGI2

- ☐ **VERIFY** Gate has been inspected
- ☐ **VERIFY** **PEER 5** is in **Restricted Access** **MODE 8**
  PLACE **PEER 7** in **Controlled Access (MODE 16)**
- ☐ **VERIFY** **PEER 7** is in **Controlled Access** **MODE 16**
  OPEN Gate **XGI2**
- ☐ **VERIFY** **MCR** sees the gate is **OPEN**
  CLOSE The gate
- ☐ **CHECK** for test acceptance of **INTERNAL GATE** at **XGI2**

END OF TEST PROCEDURE

TTL: Sign for completion of initial testing: _____

Date: _____/____/_____

TTL: Sign for completion of final testing: _____

Date: _____/____/_____